



08/930480

SEQUENCE LISTING

<110> BRACCO, Laurent
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<120> CONDITIONAL EXPRESSION SYSTEM

<130> ST95021-US

<140> 08/930,480

<141> 1998-01-21

<150> PCT/FR96/00477

<151> 1996-03-29

<150> FR95/03841

<151> 1995-03-31

<160> 32

<170> PatentIn Ver. 2.1

<210> 1

<211> 19

<212> DNA

<213> Escherichia coli

<400> 1

tctctatcac tgataggga
19

<210> 2

<211> 17

<212> DNA

<213> Bacteriophage lambda

<400> 2

tatcacgca agggata
17

<210> 3

<211> 74

<212> PRT

<213> Homo sapiens

<400> 3

Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
1 5 10 15

Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
20 25 30

Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
35 40 45

His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu

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Sub
F8

DI

50

55

60

Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
65 70

<210> 4
<211> 768
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ScFv Against
p53

<400> 4
ttactcgcgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt
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120
tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt
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gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact
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gcagacacat cctccaatac agcctacctg cagctcagca gcctggcatc tgaggacact
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gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg
360
gtcacctgtc cctcaggtgg aggcgggttca ggcggaggtg gctctggcgg tggcggatcg
420
gatgttttga tgacccaaac tccactcact ttgtcgggta ccattggaca accagcctcc
480
atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg
540
ttgttacaga ggccaggcca gtctccaaag cgcctaattct atctggtgtc taaactggac
600
tctggagtcc ctgacaggtt cactggcagt ggatcaggga cagatttcac acttaaaatc
660
aacagagtgg aggctgagga tttgggagtt tattattgct ggcaaggtag acattctccg
720
cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca
768

<210> 5
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Peptide Arm
(Hinge)

<400> 5
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

<210> 6
<211> 30
<212> DNA

D1
Cont

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide Arm
(Hinge)

<220>

<221> CDS

<222> (1)..(30)

<223> Peptide Arm Coding Sequence

<400> 6

ccc aag ccc agt acc ccc cca ggt tct tca

30

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
1 5 10

<210> 7

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: Peptide Arm
(Hinge)

<400> 7

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser

1 5 10

<210> 8

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: VSV Tag
Peptide

<220>

<221> CDS

<222> (1)..(18)

<223> VSV Tag Peptide Coding Sequence

<400> 8

atg aac cgg ctg ggc aag

18

Met Asn Arg Leu Gly Lys
1 5

<210> 9

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: VSV Tag
Peptide

<400> 9

Met Asn Arg Leu Gly Lys

D1
cont.

1

5

<210> 10
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
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 Peptide

<220>
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 <222> (1)..(33)
 <223> myc Tag Peptide Coding Sequence

<400> 10
 gaa caa aaa ctc atc tca gaa gag gat ctg aat
 33
 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 1 5 10

<210> 11
 <211> 11
 <212> PRT
 <213> Artificial Sequence
 <223> Description of Artificial Sequence: myc Tag
 Peptide

<400> 11
 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
 1 5 10

<210> 12
 <211> 7
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: SV40 NLS
 Peptide

<400> 12
 Pro Lys Lys Lys Arg Lys Val
 1 5

<210> 13
 <211> 76
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:
 Oligonucleotide

D1
 cont

<400> 13
ggctctagac ccaagcccag tccccccca ggttcttcaa cgctggatc catgtccaga
60
ttagataaaa gtaaag
76

<210> 14
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 14
cgtagcgaat tcgggccctt actcgaggga ccactttca catttaagtt g
51

<210> 15
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 15
ggctctagac ccaagcccag tccccccca ggttcttcaa cgctggatc catggaacaa
60
cgcataaccc tgaaag
76

<210> 16
<211> 51
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 16
cgtagcgaat tcgggccctt actcgagtgc tggtgtttt ttgttactcg g
51

<210> 17
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 17

D1
cont

caggccatgg catgaagaaa ccactggatg gagaa
35

<210> 18
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 18
cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc
43

<210> 19
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 19
caggctcgag aagaaaccac tggatggaga a
31

<210> 20
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

<400> 20
caggctcgag cccaagccca gtaccccccc aggttcttca aagaaaccac tggatggaga
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61

<210> 21
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 21
ggtcgaattc gggccctcag tctgagtcag gcccttc
37

D
Cont.

<210> 22
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

<400> 22
caggccatgg aggagccgca gtcagatcc
29

<210> 23
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 23
cgtcggatcc tctagatgcg gccgccacgg ggggagcagc ctctgg
46

<210> 24
<211> 66
<212> PRT
<213> Bacteriophage lambda

<400> 24
Met Glu Gln Arg Ile Thr Leu Lys Asp Tyr Ala Met Arg Phe Gly Gln
1 5 10 15

Thr Lys Thr Ala Lys Asp Leu Gly Val Tyr Gln Ser Ala Ile Asn Lys
20 25 30

Ala Ile His Ala Gly Arg Lys Ile Phe Leu Thr Ile Asn Ala Asp Gly
35 40 45

Ser Val Tyr Ala Glu Glu Val Lys Pro Phe Pro Ser Asn Lys Lys Thr
50 55 60

Thr Ala
65

<210> 25
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 25

DI
Cont.

gacccctatca ccgcaaggga taa
23

<210> 26
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 26
gatagtggcg ttccctatatt cga
23

<210> 27
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 27
gatccgactt tcacttttct ctatcactga tagtgagtgg taaactca
48

<210> 28
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide

<400> 28
agcttgagtt taccactccc tatcagtgat agagaaaagt gaaagtcg
48

<210> 29
<211> 96
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Double
Stranded Teto DNA

<400> 29
gatccgactt tcacttttct ctatcactga tagtgagtgg taaactcact aggctcaaag
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tgaaaagaga tagtgactat cactcaccat ttgagt
96

D1
Cont

<210> 30
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
Vector

<220>
<223> Sequence maybe repeated

<400> 30
Leu Lys Leu Lys
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<210> 31
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
Vector

<220>
<223> Sequence may be repeated

<400> 31
Leu Lys Lys Leu
1

<210> 32
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:TETop

<400> 32
gactttcact tttctctatc actgataggg agtggtaaac tc
42

D1
cont